

NWS Form E-5

(04-2006)

(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

San Angelo, TX

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

September 2008

TO: Hydrologic Information Center, W/OS31
NOAA's National Weather Service
1325 East West Highway
Silver Spring, MD 20910-3283

SIGNATURE

Jason Johnson

DATE

October 17, 2008

When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).

☒ An X inside this box indicates that no flooding occurred within this hydrologic service area.

September was generally a drier than normal month for a large portion of the hydrologic service area (HSA). The only short wet period that occurred across the region was between September 8th and 11th. Moist air was in place over the area when a cold front entered Texas on the 8th. A few scattered areas received some very heavy rain during this period. The most notable rainfall totals occurred in western Crockett County and adjacent Pecos and Terrell Counties on the evening of the 10th. Thunderstorms continued to train across the lower Pecos River Valley and produced rainfall amounts up to eight inches over isolated areas in Pecos and Terrell Counties. In western Crockett County, four to six inches of rain fell. This heavy rain produced significant rises along the Pecos River and its tributaries.

The U.S. Drought Monitor depicted abnormally dry to moderate drought conditions across the southern half of the HSA during September.

The average precipitation reported from coop observers in September was 2.00 inches. The highest monthly precipitation total of 4.56 inches was reported in Crockett County. Coop observers in Coleman, Crockett, Haskell, Runnels, Throckmorton and Tom Green Counties received over 3.00 inches of rain in September.

The San Angelo Regional Airport received 3.99 inches of precipitation during September, which was 1.04 inches above normal for the month. The monthly normal rainfall for San Angelo in September is 2.95 inches. The San Angelo Regional Airport received 3.05 inches of rain on the 8th, which was a record rainfall for the date.

The Abilene Regional Airport received 2.51 inches of precipitation during September, which was 0.40 of an inch below normal for the month. The monthly normal rainfall for Abilene in September is 2.91 inches.

Junction received 0.46 of an inch of rain during September. The estimated average monthly rainfall in September is about 2.3 inches.

Coop Observer Rainfall Totals for September, 2008:

Station Name	Amount (in)		Station Name	Amount (in)
Abilene 2	3.21		Mertzon 12NNW	2.91
Acton Ranch	4.56		Ozona	3.92
Albany	1.94		Ozona 2	3.73
Anson	M		Ozona 22SE	2.22
Ballinger 2NW	3.10		Paint Rock	1.69
Blackwell 6NE	2.38		Putnam	1.08
Brady	0.32		Red Bluff Crossing	0.38
Brownwood	3.92		Robert Lee	1.63
Burkett	3.68		Roscoe	0.87
Coleman	2.11		Rotan	1.04
Concho Park	1.44		San Angelo WFO	3.14
Eden	0.18		San Saba 7NW	1.16
Eldorado	0.90		Santa Anna 12SSE	3.81
Eldorado 10W	1.35		Silver Valley	1.51
Fort Griffin	2.98		Sonora	1.29
Fort McKavett	0.53		Stamford	2.77
Glen Cove 2NE	3.26		Sterling City	2.60
Hamlin	1.57		Taylor Ranch	1.11
Haskell	3.76		Telegraph	1.70
Hords Creek	1.92		Throckmorton 7NE	2.56
Humble Pump	0.50		Water Valley	2.18
Junction 4SSW	0.74		Water Valley 11NE	2.17
Lawn	2.22		Winters 1NE	1.37
London 3N	0.22		Woodson	3.70
Mason	0.34			
Menard	0.51		(M) <i>Missing data</i>	
Merkel 12SW	1.78		(T) <i>Trace</i>	

Reservoir Conditions (end of September, 2008)

Reservoir	Conservation Capacity (Ac-Ft)	End of Month Capacity (Ac-Ft)	Percent of Capacity (%)
Fort Phantom Hill	70,030	67,520	96
Lake Stamford	52,700	39,920	77
Hubbard Creek Lake	317,800	283,210	89
Hords Creek Lake	8,800	5,770	71
Lake Brownwood	131,428	111,760	85
E.V. Spence	488,760	60,780	12
O.C. Fisher	119,200	6,760	6
O.H. Ivie	554,340	326,300	59
Twin Buttes	177,800	63,400	36

Hydro Products Issued

FFW = 1

FLS = 9 (Urban/Small Stream Advisory)

The NWS precipitation analysis can be viewed at <http://water.weather.gov/>.

The total monthly precipitation estimate and percent of normal precipitation for September across the San Angelo HSA is depicted below.

